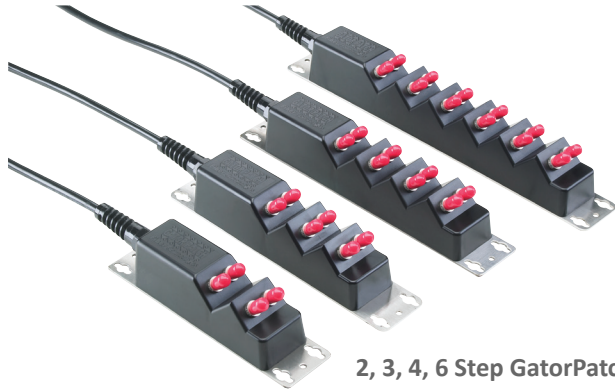




GatorPatch™

Fiber Connections' GatorPatch™ is a factory terminated patch panel that is compact, durable and secure. Simple 'plug in and play' feature eliminates the need for field terminations - resulting in fast, cost effective installations.



2, 3, 4, 6 Step GatorPatches

APPLICATIONS

- ITS (Intelligent Transportation Systems) controls
- DOT – Department of Transportation projects
- Industrial / factory automation
- Mining industry
- Fiber to the Desk/Workstation

FEATURES/BENEFITS

- Install in wall mount enclosures, on power poles, DIN rails...
- Custom options to meet any design requirements
- Factory terminated for quick installation
- Uses OFNR rated, all-dielectric, indoor/outdoor cable or customer's choice
- ROHS compliant
- 100% factory tested
- Epoxy filled for ultimate rodent protection
- Available with MM or SM fiber and any standard connector
- Fiber "tail" termination with standard or industrial MTP connectors
- Available with 4-12 fibers

ORDERING INFORMATION

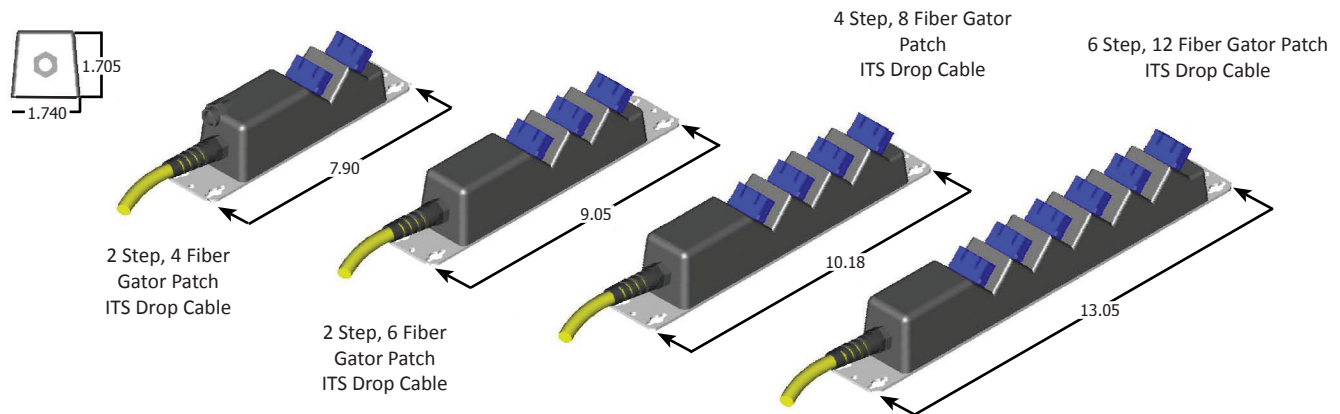
Fiber Type		Fiber Count		Cable Rating		Body/Logo		# of Pulling Kits	
10	62.5/125 µm OM1	04	4 Fiber	R	Riser	B	Black, FCI	0	None
20	Single-mode OS2	06	6 Fiber	P	Plenum	T	Clear, FCI	1	1 Installed
30	50/125 µm OM2	08	8 Fiber	A	Armored				
90	50/125 µm 10 GbE 300m OM3	12	12 Fiber	N	Non-armored				
A0	50/125 µm 10 GbE 550m OM4	24	24 Fiber	F	Customer Supplied				
				S	SST Drop cable				

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Variety	Connector #1 (Step)	Connector #2 (Tail)	Cable Type	Length in Meters
2	F SCupc	C (1) MTP Adaptor	B Breakout	
3	G ST	D (2) MTP Adaptor	D Distribution	
4	J SC	M MTP 12 Female	R Ribbon	
6	L FC	N MTP 12 Male	L Loosetube	
	M MTP 12 Male	U MTP 6 Female	F In/Outdoor	
	N MTP 12 Female	V MTP 6 Male	Q Data Center	
	R MTRJ	W MTP 4 Female		
	U LC Duplex	X MTP 4 Male		
	W LC Quad	Y MTP 8 Male		
	X SCapc	1 MTP 24 Female		
		2 MTP 24 Male		
		I Industrial MTP		
		0 Pigtail		



PHYSICAL INFORMATION



TECHNICAL SPECIFICATIONS

Gator Patch™	Multimode @ 850/1300 nm		Single-mode @ 1310 nm
Test:	62.5/125 μm	50/125μm	Single-mode
Insertion Loss:	0.2 dB typical 0.5 dB max	0.2 dB typical 0.5 dB max	0.2 dB typical 0.5 dB max
Reflectance:	<-20 dB	<-20 dB	<-55 dB (8° angle polish)
Durability:	500 Rematings < 0.2 dB change	500 Rematings < 0.2 dB change	1000 Rematings < 0.2 dB change
Tensile Strength:	50 lbs. (220N) <0.2dB change	50 lbs. (220N) <0.2dB change	50 lbs. (220N) <0.2dB change
Temperature Cycling:	-40°C + 70°C, 40 cycles <0.2 dB change	-40°C + 70°C, 40 cycles <0.2 dB change	-40°C + 70°C, 40 cycles <0.2 dB change
Inside Polishing:	Physical Contact (PC)	Physical Contact (PC)	Ultra Physical Contact (UPC)
Ferrule Material:	Ceramic	Ceramic	Ceramic
Housing Material:	ABS/Acrylic	ABS/Acrylic	ABS/Acrylic
MTP® Connector	Multimode @ 850/1300 nm		Single-mode @ 1310 nm
Test:	Multimode 62.5/125 μm	Multimode 50/125μm	Single-mode
Insertion Loss:	0.20 dB typical 0.50 dB max	0.20 dB typical 0.50 dB max	0.25 dB typical 0.50 dB max
Durability:	500 Rematings < 0.2 dB change	500 Rematings < 0.2 dB change	1000 Rematings < 0.2 dB change
Temperature Cycling:	-40°C + 70°C, 40 cycles <0.2 dB change	-40°C + 70°C, 40 cycles <0.2 dB change	-40°C + 70°C, 40 cycles <0.2 dB change



TRANSMISSION PERFORMANCE

	Multimode				Single-mode
Fiber Type	62.5/125µm (850/1300nm)	50/125µm (850/1300nm)	50/125µm (850/1300nm)	50/125µm (850/1300nm)	Single-mode (1310/1383/1550nm)
ISO/IEC name	OM1	OM2	OM3	OM4	OS2
Maximum Attenuation (dB/km)	3.4/1.0	3.0/1.0	3.0/1.0	3.0/1.0	0.4/0.4/0.3*
Maximum Attenuation (dB/km)	3.4/1.0	3.0/1.0	3.0/1.0	3.0/1.0	0.65/0.65/0.5**
Minimum Over Filled Launch (OFL) Bandwidth (MHx•km)	200/500	700/500	1500/500	1500/500	- / - / -
Minimum Effective Modal Bandwidth (MHx•km)	220 / -	950 / -	2000 / -	5350 / -	- / - / -
Serial 1 Gigabit Ethernet Distance (m)	300/550	750/600	1000/600	1000/600	5000/ - / -
Serial 10 Gigabit Ethernet Distance (m)	33/ -	150/ -	300/ -	600/ -	10000/ - / 40000
* including ALTOS®, SST-Drop™, SOLO®, SST-Ribbon™, Industrial LSZH™, Mining and Petrochemical, FREEDM® LST™ FREEDM® Loose Tube, FREEDM® Ribbon, MIC® 250, Ribbon, LSZH™ Ribbon (Registered trademarks of Corning Cable Systems LLC)					
** including Tactical, FREEDM® Fan-Out, FREEDM® ONE, MIC® various, Fan-Out, Single-Fiber, Zipcord 2-Fiber, Ribbon Interconnect					
Other cable types and manufacturers also available.					
Please contact customer service for additional information.					